



DOCKET NO. MUR-026-BA-PCT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
K. Katagai, et al.

Serial No.: 09/831,879

Art Unit: To Be Assigned

Filed: May 22, 2001

Examiner: To Be Assigned

For: Adhesive Gel Compositions For Iontophoresis  
And Devices Therefor

REQUEST FOR CORRECTED FILING RECEIPT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Applicants' counsel is in receipt of the PTO Filing Receipt for the above identified pending patent application, a copy of which is attached hereto. Upon verifying the accuracy of the data presented on the Filing Receipt it was noted that there are errors in the title for this invention which were introduced by the Patent Office. As evidence by the attached copy of the Transmittal, Declaration and Power of Attorney, and first page of the original specification which contains the title, the title should be "Adhesive Gel Compositions For Iontophoresis And Devices Therefor" rather than "Pressure-Sensitive Adhesive Gel Composition For Iontophoresis And Apparatus Therefor".

It is respectfully requested that the Patent Office records be corrected to reflect the correct title and that the undersigned be provided with a corrected Filing Receipt.

Respectfully submitted,

TOWNSEND & BANTA

*Donald E. Townsend, Jr.*

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Date: July 12, 2001

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/831,879	05/22/2001	1615	860	MUR-026- USA-		13	2

CONFIRMATION NO. 8324

**FILING RECEIPT**



\*OC000000006250680\*

Law Offices of Townsend & Banta  
Suite 500  
1225 Eye Street NW  
Washington, DC 20005

Date Mailed: 07/02/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Kazuya Katagai, Tsukuba-shi, JAPAN;  
Hirotoshi Adachi, Tsukuba-shi, JAPAN;  
Kazutaka Inoue, Tsukuba-shi, JAPAN;

**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A 371 OF PCT/JP99/06241 11/10/1999

**Foreign Applications**

JAPAN 10/335602 11/26/1998

**Projected Publication Date:** N/A

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Pressure-sensitive adhesive gel composition for iontophoresis and apparatus therefor

**Preliminary Class**

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulation, 5.11 & 5.15**

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**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

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Customer Service Center  
Washington, DC 20231

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**Data entry by :** ORDENEZ, MARTA

**Team :** OIPE

**Date:** 07/02/2001

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

MUR-026-USA-PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/JP99/06241

INTERNATIONAL FILING DATE  
November 10, 1999

PRIORITY DATE CLAIMED  
November 26, 1998

TITLE OF INVENTION Adhesive Gel Compositions For Iontophoresis And  
Devices Therefor

APPLICANT(S) FOR DO/EO/US

Kazuza Katagai, Hirotooshi Adachi and Kazutaka Inoue

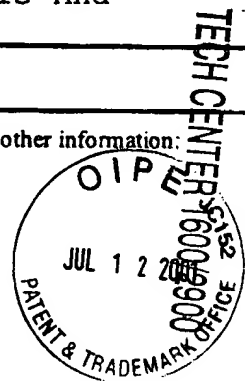
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Claim For Priority

English translations of an Amendment filed  
June 7, 2000 under Article 34 of substituted pages  
for original page 61 and Amendment filed October  
5, 2000 of substituted pages for the original  
pages 5, 35 and 60.



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SPECIFICATION.

ADHESIVE GEL COMPOSITIONS FOR IONTOPHORESIS  
AND DEVICES THEREFOR

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TECHNICAL FIELD

The present invention relates an adhesive gel composition for an iontophoresis which is applied transdermally or transmucosally and which allows a basic drug to be delivered into an in vivo site utilizing an electrical driving force and a device therefore.

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BACKGROUND OF THE INVENTION

An iontophoresis is a transdermal and transmucosal absorption-enhancing system utilizing an electric driving force, and its principal is an enhancement of a skin barrier penetration of a drug molecule based on a force by which a positively-charged molecule is moved from a cathode to an anode and a negatively-charged molecule is moved from the anode to the cathode in an electric field generated between the cathode and the anode mainly by energization [See Journal of Controlled Release, Vol.18, 1992, pp.213 to 220; Advanced Drug Delivery Review, Vol.9, 1992, p.119; Pharmaceutical Research, Vol.3, 1986, pp.318 to 326].

As adhesive compositions which have been employed in a transdermal therapeutic system (TTS), many ones containing